

FIG. 1

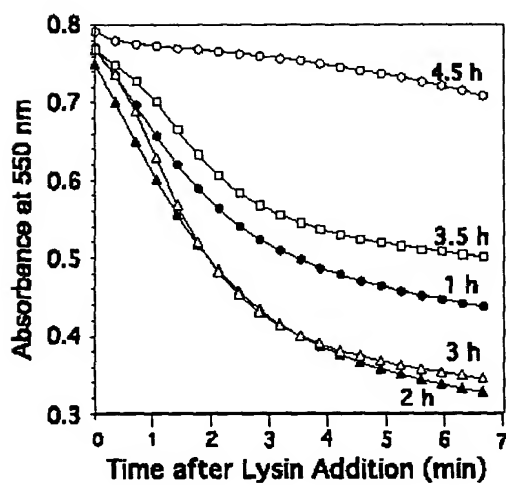


FIG. 2A

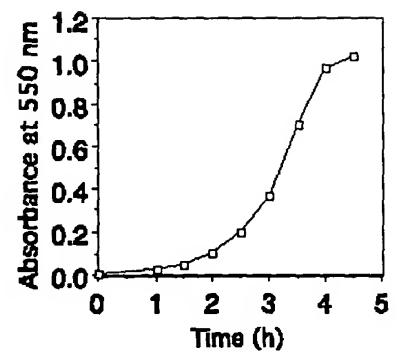


FIG. 2B

group C	phage	lysine	MATYQYKSR	SNGNAYDIDG	SLGAQCWDGY	ADYCKYLGLP	YANCTNTGYA	50
group A	phage	lysine	MATYQYKSR	SNGNAYDIDG	SLGAQCWDGY	ADYCKYLGLP	YANCTNTGYA	
group B	phage	lysine	MATYQYKSR	SNGNAYDIDG	SFGAQCWDGY	ADYCKYLGLP	YANCTNTGYA	
1								
group C	phage	lysine	RDIWEQRHKN	GILNYFDEVE	TMQAGDVAIF	MVVAGVTPYS	HVAIFDSDAG	100
group A	phage	lysine	KDIWEQRHKN	GILNYFDEVE	TMQAGDVAIF	MVVAGVTPYS	HVAIFDSDAG	
group B	phage	lysine	RDIWEQRHKN	GILNYFDEVE	VMQAGDVAIF	MVVDGVTPYS	HVAIFDSDAG	
51								
group C	phage	lysine	SGYGWFLGQN	QGGANGAYNL	VKIPISTTYP	TAFRPKVFKN	AVTVIGNIGL	150
group A	phage	lysine	SGYGWFLGQN	QGGANGAYNL	VKIPISTTYP	TAFRPKVFKN	AVTVIGNIGL	
group B	phage	lysine	GGYGWFLGQN	QGGANGAYNL	VKIPISTTYP	TAFRPKVFKN	AVTVIGNIGL	
101								
group C	phage	lysine	NKGDYFIDVS	AYQQADLTAT	COQAGTTKTI	IKVSESLAWL	SDRHQQQANT	200
group A	phage	lysine	NKGDYFIDVS	AYQQADLTAT	COQAGTTKTI	IKVSESLAWL	SDRHQQQANT	
group B	phage	lysine	NKGDYFIDVS	AYQQADLTAT	COQAGTTKTI	IKVSESLAWL	SDRHQQQANT	
151								
group C	phage	lysine	SDPIGYHFG	RFGGDSNLAQ	RVADLFLSNL	PTKKVSYLVI	DYEDSASADK	250
group A	phage	lysine	SDPIGYHFG	RFGGDSNLAQ	READLFLSNL	PTKKVSYLVI	DYEDSASADK	
group B	phage	lysine	SDPIGYHFG	RFGGDSNLAQ	READLFLSNL	PSKKVSYLVI	DYEDSASADK	
201								
group C	phage	lysine	EANTKAVIAF	MDKIANAGYK	PVYYSYKPFT	LNNIDYQKII	AKYPNSIWIA	300
group A	phage	lysine	EANTKAVIAF	MDKIANAGYK	PVYYSYKPFT	LNNIDYQKII	AKYPNSIWIA	
group B	phage	lysine	QANTNAVIAF	MDKIANAGYK	PIYYSYKPFT	LNNIDYQKII	AKYPNSIWIA	
251								
group C	phage	lysine	GYPDYEVRTE	PLWEFFPSMD	GVRWWQFTSV	GVAGGLDKNI	VLLADDSSKV	350
group A	phage	lysine	GYPDYEVRTE	PLWEFFPSMD	GVRWWQFTSV	GVAGGLDKNI	VLLADDSSKV	
group B	phage	lysine	GYPDYEVRTE	PLWEFFPSMD	GVRWWQFTSV	GVAGGLDKNI	VLLADDSSKM	
301								
group C	phage	lysine	DIPKIDKPQS	QLTFNQKLDI	NTKLDNSNVP	YYEATLSTDY	YVESKPNASS	400
group A	phage	lysine	DIPKIDKPQS	QLTFNQKLDI	NTKLDNSNVP	YYEATLSTDY	YVESKPNASS	
group B	phage	lysine	DIPKIDKPQS	ELTFYQKLPQ	NTKLDNSNVP	YYEATLSTDY	YVESKPNASS	

	401		444
group C phage	lysin ADKEFIKAGT RVRVEKVNG WSRINASQSD QWVEDKYLSN	ATQV	
group A phage	lysin ADKEFIKAGT RVRVEKVNG WSRINASQSD QWVEDKYLSN	ATQV	
group B phage	lysin ADKEFIKAGT RVRVEKVNG WSRINHPESA QWVEDNYLVN	ATDM	

FIG. 3

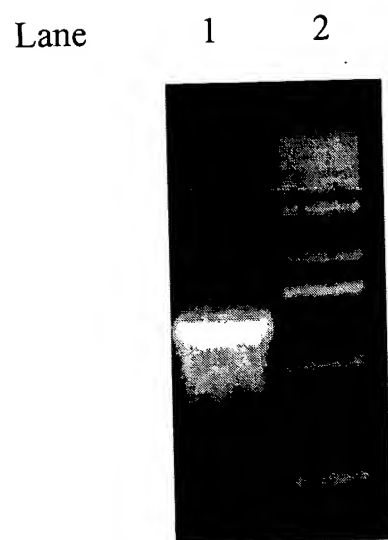


FIG. 4

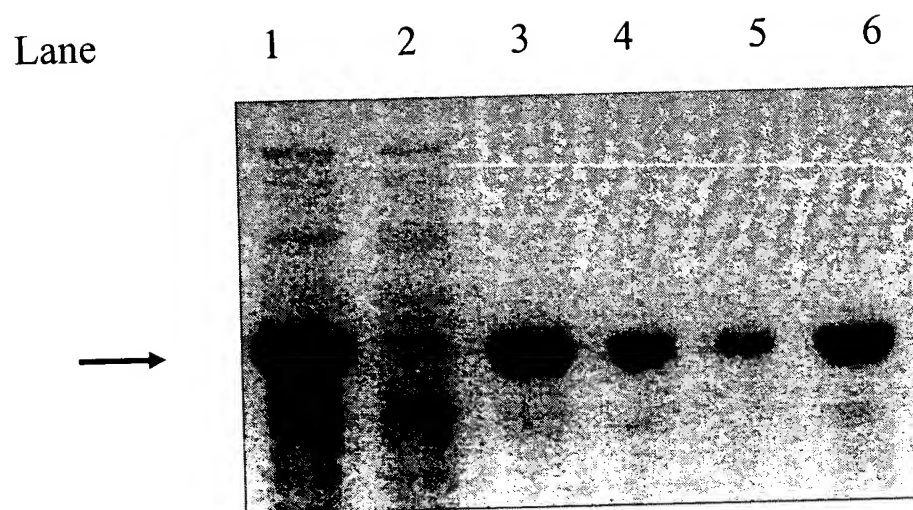


FIG. 5

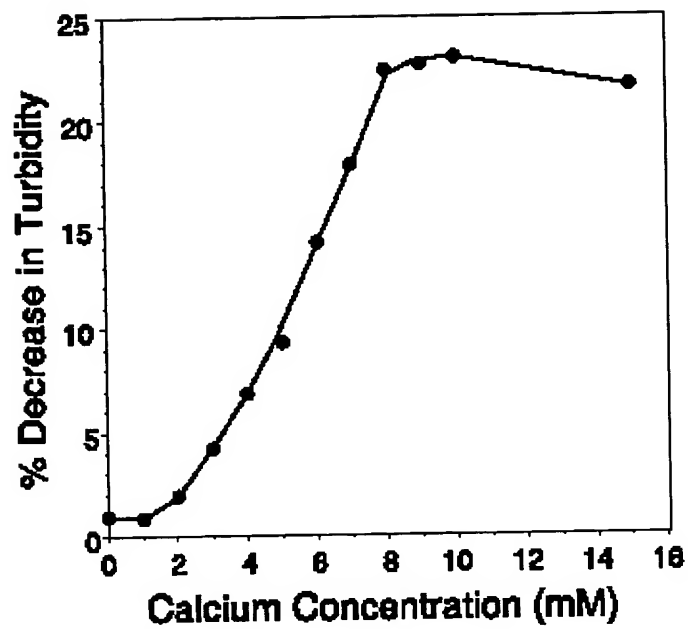


FIG. 6

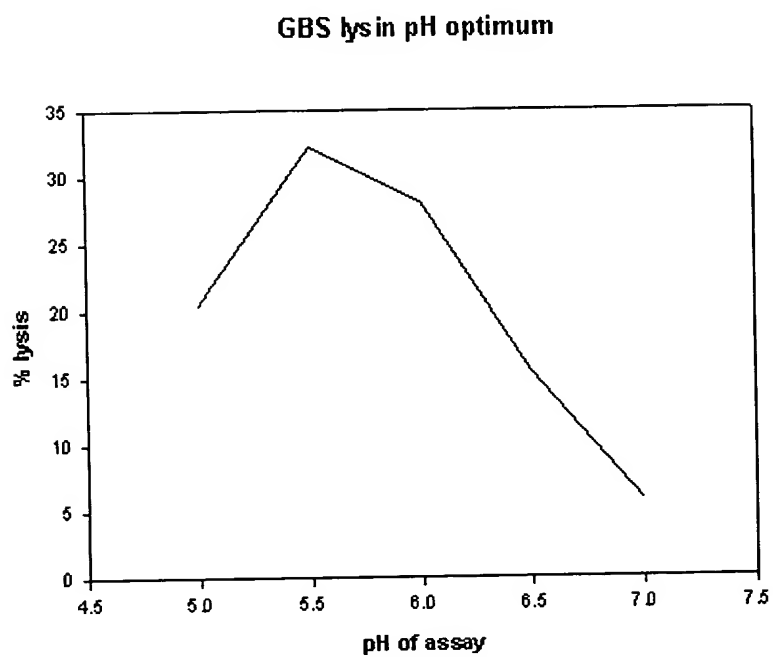


FIG. 7